

CLAIMS

1. An ostomy system for receiving bodily waste, comprising:
 - a drainage bag;
 - at least one filter comprising a foam for preventing liquid and solid particles from

5 passing from the drainage bag to its surroundings, the foam defining a passageway for releasing flatus gasses from the drainage bag to its surroundings;

characterised in that

at least a portion of the foam is arranged at a folding line defined by the drainage bag during use thereof.
- 10 2. An ostomy system according to claim 1, wherein the filter defines a filter inlet facing the interior of the drainage bag and a flatus gas outlet facing the surroundings of the bag, and wherein the folding line intersects the filter inlet.
- 15 3. An ostomy system according to claim 1, wherein the filter defines a filter inlet facing the interior of the drainage bag and a flatus gas outlet facing the surroundings of the bag, and wherein the folding line intersects the filter at a distance from the filter inlet.
4. An ostomy system according to any of claims 1-3, further comprising a coupling system for securing the bag in relation to a stoma of a patient, the coupling system defining an orifice to enable bodily waste to be received by the drainage bag.
- 20 5. An ostomy system according to claim 4, wherein the filter is arranged between the coupling system and the drainage bag.
6. An ostomy system according to claim 5, wherein the drainage bag is impermeable to flatus gasses, and wherein the filter is provided in said coupling system.
- 25 7. An ostomy system according to claim 5 or 6, wherein said surroundings of the drainage bag is constituted by an outer bag which is secured in relation to the patient's body and in relation to the drainage bag by means of said coupling system.
8. An ostomy system according to claim 7, wherein the outer bag is essentially made from a material which is impermeable to flatus gasses and comprises an outlet with a flatus filter for releasing flatus gasses from the outer bag.

9. An ostomy system according to any of the preceding claims, wherein said passageway further extends through a gas permeable membrane.
10. An ostomy system according to any of claims 5-9, wherein the filter constitutes a filter flange, and wherein the drainage bag is connected to a first surface of the filter flange along an attachment zone, and wherein the coupling system is connected to the filter flange along a contact area, whereby said attachment zone is radially displaced with respect to said contact area.
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11. An ostomy system according to any of claims 5-9, wherein the foam is an open-cell foam, and wherein the filter constitutes a filter flange, in which the open cell foam is supported by a closed-cell foam.
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12. An ostomy system according to any of the preceding claims, wherein the drainage bag is of a structure which essentially maintains its physical integrity upon immersion in water.
13. An ostomy system according to any of the preceding claims, wherein the coupling system comprises means for forcing the flow of flatus gasses along a predetermined passageway.
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14. An ostomy system according to any of the preceding claims, wherein the at least one filter comprises a plurality of filters, at least a portion of at least one of the filters being arranged at a folding line defined by the drainage bag during use thereof.
15. A method for expelling faeces from a filter of a drainage bag in an ostomy system, the filter comprising a foam for preventing liquid and solid particles from passing from the drainage bag to its surroundings, the foam further defining a passageway for releasing flatus gasses from the drainage bag to its surroundings and being arranged at a folding line defined by the drainage bag during use thereof, the method comprising expelling faeces from pores of the foam when the foam is folded and unfolded, expelling being caused by repetitive opening and closing of the pores occurring when the drainage bag is folded and unfolded in the area of the foam.
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16. A method of attaching an ostomy system to a user's body, the ostomy system comprising a drainage bag and a filter comprising a foam for preventing liquid and solid particles from passing from the drainage bag to its surroundings, the foam further defining a passageway for releasing flatus gasses from the drainage bag to its surroundings, the method comprising arranging the ostomy system such with respect to the user's body that a folding line defined by the drainage bag during the user's use thereof intersects the filter.
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17. A method according to claim 16, wherein the filter defines an inlet opening facing the interior of the drainage bag and a flatus gas outlet facing the surroundings of the drainage bag, and wherein the step of arranging includes arranging the ostomy system such that the folding line intersects the filter at the filter inlet or at a distance from the filter inlet.